

after the phrase "button depressible by".

The Examiner has stated that any amended claims need to be completely underlined. The Examiner further states that the status of all patent claims should be set forth as to whether the claim is pending or canceled.

Amended claims 8 and 10 have been completely underlined as required under 37 CFR 1.121(b). The status of all claims 1-12 has been indicated as pending. The changes made to claims 8 and 10 have been identified. Therefore, claims 8 and 10 are compliant with 37 CFR 1.121(b).

Substitute reissue-application pages 14 and 15 are submitted herewith in which claims 8 and 10 are underlined.

The Examiner has indicated that claims 1-7 are allowed. Claims 8-12 are rejected under U.S.C. §112 as being indefinite for failing to particularly point out and distinctly claim the subject matter. Claims 8, 9, 10 and 12 are rejected under 35 U.S.C. §103(a) as being unpatentable over Douillet, European Patent No. 370,900 in view of Wittstock, German Patent No. 4,103,235.

Claims 8 and 10 have been amended to further clarify the patentable subject matter of the invention. Claims 1-12 remain in the case for consideration. No new subject matter has been added. Reconsideration is requested.

Claims 8 and 10 have been amended to correct an antecedent basis problem. Therefore, claims 8-12 are now allowable under U.S.C. §112.

Regarding the rejection of claims 8-12 under 35 U.S.C. §103(a), the Examiner states that Douillet teaches all of the elements of the invention except a channel being located entirely above a skier's hand.

Claims 8 and 10 have been amended to include the limitation of a button depressible by a thumb on the hand of the skier disengaging the attachment mechanism from the pin allowing the ejection mechanism to eject while said same hand of the skier remains wrapped around the ski pole grip.

The button mechanism 37 in Douillet does not allow a thumb on the hand of a skier to disengage the attachment mechanism 35, 38, 44 from a pin while that same hand of the skier remains wrapped around the ski pole grip. In Douillet there is no way that the thumb of the skier can even reach button 37 while the hand of the skier remains wrapped around the ski pole grip. For this reason, claims 8, 9, 10 and 12 are allowable under 35 U.S.C. §103(a) over

Douillet in view of Wittstock.

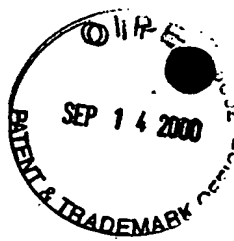
Regarding claim 11, the Examiner states that Douillet and Wittstock fail to teach the strap as being elastic but that Dondero teaches a ski grip having an elastic strap element. Neither Douillet, Wittstock or Dondero teach an elastic strap sized to length to connect the pin to the glove on the hand of the skier under tension so that, upon depressing the button, the strap can pull the pin out of the attachment mechanism. Dondero and Wittstock do not even suggest a pin assembly, not to mention a pin assembly attached to a glove of a skier with a piece of elastic. Douillet, Wittstock and Dondero also do not teach an elastic strap sized to length under tension so that upon depressing a button, the strap pulls the pin out of the attachment mechanism.

Therefore claim 11 is patentable under 35 U.S.C. §103(a) over Douillet in view of Wittstock and Dondero.

The Examiner has rejected claims 8-12 under 35 U.S.C. § 251 as being an improper recapture of broadened claimed subject matter surrendered in the application for patent upon which the present reissue is based. The Examiner states that claims 8-12 fail to set forth the limitation of the pin-release button as being located on a lateral side of the ski pole grip, while patented claim 1 does include this limitation. The Examiner also notes that applicant particularly discussed the criticality of the lateral location of the pin release button in a previous office action response.

Patented claim 1 includes the limitation of the push button being on the lateral side of the ski pole grip. But patented claim 7 has no such limitation that the button be located on the lateral side of the of the ski pole grip. Thus, while the distinction of the lateral button was discussed in the earlier office action response, alternative locations for the push button clearly were not surrendered in the patent upon which the present reissue is based. Thus, claims 8-12 do not improperly recapture subject matter under 35 U.S.C. § 251.

Further, claims cannot be rejected for improper recapture when they are "more restrictive in at least one significant respect than the cancelled claims." In re Richman, 409 F.2d 269, 161 USPQ 359 (CCPA 1969). In Ball Corp v. United States, 729 F.2d 1429, 221 USPQ 289 (Fed. Cir. 1984), the reissue claims did cover a feature surrendered during original prosecution. However, the claims were by virtue of several elements narrower than the abandoned claims. The reissue claims were also broader in certain respects. Thus, the claims were sufficiently narrower in some respects than the cancelled claims to avoid the effect of



the recapture rule. Id.


Claims 1-12 are all narrower in certain aspects from the original claims. For instance, claim 10 includes the limitation of a retractable finger protruding across a portion of the channel and the pin inserting horizontally into the channel and engaging the notch with the finger. Claim 10 also includes the limitation of a button on the ski pole grip mechanically coupled to the finger and the button depressible by a thumb on the hand of the skier to retract the finger from the notch in the end portion of the pin, allowing the pin to detach from the attachment mechanism.

Neither the retractable finger or the button depressible by a thumb on the hand of a skier limitations were included in the original patented claims. Therefore, claims 8-12 do not violate the recapture and are allowable under 35 U.S.C. § 251.

Also submitted herewith is Applicant's original Patent No. 5,549,330 on which this reissue application is based.

Accordingly, applicant requests that the amendments be entered and the application be allowed.

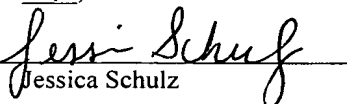
Respectfully submitted,

  
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Date: September 7, 2000

Signature   
Jessica Schulz



5 cocked position; and

a button coupled to the attachment mechanism and depressible with the hand of the skier, the button in the depressed condition disengaging the strap pin from the attachment assembly allowing the ejection mechanism to uncock thereby ejecting the strap pin completely out of the channel while the same hand of the skier remains  
10 wrapped around the ski pole grip.

8. (Twice Amended) A quick release attachment system for coupling a hand of a skier to a ski pole, comprising:

a ski pole grip having a front side and back side, joined by opposite lateral  
15 sides and having a cross-sectional shape sized so that the hand of the skier can be wrapped around the ski pole grip in a gripping manner;

a pin attached to the hand of a skier;

an attachment mechanism disposed within the ski pole grip for receiving and locking the pin to the ski pole grip;

20 an ejection mechanism;

an elongated channel extending in a horizontal direction into the front side of the ski pole grip substantially above the hand of the skier while said hand is wrapped around the ski pole grip, so that the pin can insert horizontally into the channel and engage with the attachment mechanism while moving the ejection mechanism into a  
25 cocked position; and

a button extending from the ski pole grip and mechanically coupled to the attachment mechanism, the button depressible by a thumb on the hand of the skier disengaging the attachment mechanism from the pin allowing the ejection mechanism to eject the pin horizontally from the channel out over a top end of the hand of the skier while said same hand of the skier remains wrapped around the ski pole grip.  
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9. (New) A quick release attachment system according to claim 8 wherein the ejection mechanism comprises a strap.

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5 10. (Twice Amended) A quick release attachment system for coupling a hand of a skier to a ski pole, comprising:

a ski pole grip having a front side and back side, joined by opposite lateral sides and having a cross-sectional shape sized so that the hand of the skier can be wrapped around the ski pole grip in a gripping manner;

10 a pin connected to a glove of a skier, the pin having an end portion which includes a notch;

an attachment mechanism disposed within the ski pole grip for receiving and releasably locking the pin to the ski pole grip; the attachment mechanism including:

15 an elongated channel extending in a horizontal direction into the front side of the ski pole grip above the hand of the skier while said hand is wrapped around the ski pole grip;

a retractable finger protruding across a portion of the channel, the pin inserting horizontally into the channel and engaging the notch with the finger; and

20 a button on the ski pole grip and mechanically coupled to the finger, the button depressible by a thumb on the hand of the skier to retract the finger from the notch in the end portion of the pin, allowing the pin to detach from the attachment mechanism and move out of the channel and toward a top end of the hand of the skier while same hand of the skier remains wrapped around the ski pole grip.